Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	138	decision adj graph	US-PGPUB; USPAT	OR	ON	2005/07/24 14:48
L2	4087	decision adj tree	US-PGPUB; USPAT	OR	ON	2005/07/24 14:48
L3	2299	(L1 L2) and rule	US-PGPUB; USPAT	OR	ON	2005/07/24 14:48
L4	902	L3 and @ad<="20001130"	US-PGPUB; USPAT	OR	ON	2005/07/24 14:48
L5	327	L4 and (feedback recommendation)	US-PGPUB; USPAT	OR	ON	2005/07/24 14:48
L6	300	L5 and user	US-PGPUB; USPAT	OR	ON	2005/07/24 14:48
L7	173	L6 and node	US-PGPUB; USPAT	OR	ON	2005/07/24 14:48
L8	138	L7 and (link edge)	US-PGPUB; USPAT	OR	ON	2005/07/24 14:48
L9	51	L8 and travers$4	US-PGPUB; USPAT	OR	ON	2005/07/24 14:48
L10	185	L4 and reasoning	US-PGPUB; USPAT	OR	ON	2005/07/24 14:48
L11	47	L10 and travers$4	US-PGPUB; USPAT	OR	ON	2005/07/24 14:48
L12	5522	knowledge adj base	US-PGPUB; USPAT	OR	ON	2005/07/24 14:48
L13	18	L11 and L12	US-PGPUB; USPAT	OR	ON	2005/07/24 14:48
L14	2378	705/26.ccor.	US-PGPUB; USPAT	OR	ON	2005/07/24 14:48
L15	674	705/27.ccor.	US-PGPUB; USPAT	OR	ON	2005/07/24 14:48
L16	843	703/2.ccor.	US-PGPUB; USPAT	OR	ON	2005/07/24 14:48
L17	32	("6460036").URPN.	USPAT	OR	ON	2005/07/24 14:48
L18	27	("4706080" | "5038211" | "5223924" | "5245656" | "5301109" | "5321833" | "5323240" | "5331554" | "5331556" | "5410344" | "5444499" | "5534911" | "5617565" | "5649186" | "5689648" | "5717923" | "5724521" | "5740549" | "5761662" | "5768521" | "5805156" | "5812776" | "5848396" | "5933811" | "5945988" | "5991735" | "6088722").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/24 14:48
L19	729	707/5.ccor.	US-PGPUB; USPAT	OR	ON	2005/07/24 14:48
L20	171	706/46.ccor.	US-PGPUB; USPAT	OR	ON	2005/07/24 14:48
L21	179	706/47.ccor.	US-PGPUB; USPAT	OR	ON	2005/07/24 14:48
L22	41	("20010039493" | "20010047270" | "20010047355" | "20010049688" | "20020004764" | "20020010709" | "20020049705" | "20020049707" | "20020072970" | "20020128943" | "20030130973" | "4866634" | "5175800" | "5295230" | "5406477" | "5519633" | "5546321" | "5628011" | "5644686" | "5696885" | "5720007" | "5806056" | "5809493" | "5822745" | "5870768" | "5878406" | "5899985" | "5930154" | "5995955" | "6035283" | "6182068" | "6243396" | "6275817" | "6278987" | "6289513" | "6457009" | "6498921" | "6510406" | "6539377" | "6578022" | "6601055").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/24 14:48

		Results
10.	((pub-date > 1959 and pub-date < 2001 and FULL-TEXT(decision graph or decision tree)) and rule) and e-commerce *[All Sources(- All Sciences -)]*	4
9.	((((((((pub-date > 1959 and pub-date < 2001 and FULL-TEXT(decision graph or decision tree)) and rule) and (recommendation or feedback or advice)) and (user or author)) and (link or edge)) and knowledge base) and (question or inquir! or request!)) and node) and promotion! *[All Sources(- All Sciences -)]*	6
8.	(((((((pub-date > 1959 and pub-date < 2001 and FULL-TEXT(decision graph or decision tree)) and rule) and (recommendation or feedback or advice)) and (user or author)) and (link or edge)) and knowledge base) and (question or inquir! or request!)) and node *[All Sources(- All Sciences -)]*	118
7.	(((((((pub-date > 1959 and pub-date < 2001 and FULL-TEXT(decision graph or decision tree)) and rule) and (recommendation or feedback or advice)) and (user or author)) and (link or edge)) and knowledge base) and (question or inquir! or request!) *[All Sources(- All Sciences -)]*	204
6.	((((((pub-date > 1959 and pub-date < 2001 and FULL-TEXT(decision graph or decision tree)) and rule) and (recommendation or feedback or advice)) and (user or author)) and (link or edge)) and knowledge base *[All Sources(- All Sciences -)]*	241
5.	(((((pub-date > 1959 and pub-date < 2001 and FULL-TEXT(decision graph or decision tree)) and rule) and (recommendation or feedback or advice)) and (user or author)) and (link or edge) *[All Sources(- All Sciences -)]*	500
4.	((((pub-date > 1959 and pub-date < 2001 and FULL-TEXT(decision graph or decision tree)) and rule) and (recommendation or feedback or advice)) and (user or author) *[All Sources(- All Sciences -)]*	927
3.	(((pub-date > 1959 and pub-date < 2001 and FULL-TEXT(decision graph or decision tree)) and rule) and (recommendation or feedback or advice) *[All Sources(- All Sciences -)]*	988
2.	(pub-date > 1959 and pub-date < 2001 and FULL-TEXT(decision graph or decision tree)) and rule *[All Sources(- All Sciences -)]*	2472
1.	pub-date > 1959 and pub-date < 2001 and FULL-TEXT(decision graph or decision tree) *[All Sources(- All Sciences -)]*	4563

CiteSeer Find: | decision tree and rule and recomm | | Documents | | Citations |

Searching for **decision tree and rule and recommendation**.
Restrict to: Header Title Order by: Expected citations Hubs Usage Date Try: Google (CiteSeer) Google (Web)
Yahoo! MSN CSB DBLP
8 documents found. **Order: number of citations.**

Text Categorization with Support Vector Machines: Learning with.. - Joachims (1998) (Correct) (313 citations)
neighbor classifier [5]10]and the C4.5 **decision tree/rule** learner [6]SVM training is carried out
classifier [5]10]and the C4.5 **decision tree/rule** learner [6]SVM training is carried out with the
and to avoid "overfitting"Following the **recommendation** of [11]the information gain criterion will
www-ai.cs.uni-dortmund.de/DOKUMENTE/Joachims_98a.ps.gz

One or more of the query terms is very common - only partial results have been returned. Try Google (CiteSeer).

Use of Decision-Tree Induction for Process Optimization and.. - Famili (1994) (Correct) (3 citations)
Use of **Decision-Tree** Induction .45 Paper submitted to AIEDAM
ai.iit.nrc.ca/pub/ksl-papers/NRC-35070.ps.Z

Investment Decision Making Using FGP: A Case Study - Li, Tsang (1999) (Correct) (2 citations)
the power of genetic programming to generate **decision trees** through combination of technical **rules** with
decision trees through combination of technical **rules** with self-adjusted thresholds. In earlier papers,
The basic elements of GDTs are conditions and **recommendations**. A single condition comprises one financial
ftp.essex.ac.uk/pub/csp/LiTsa-C45-Cec99.ps

Clinical Decision-Support Systems in Radiation Therapy - Jain, Kahn (1993) (Correct)
72)The decision problem is structured as a **decision tree** starting with the available options (see
most common representation techniques is IF-THEN **rules**, hence the term **rule**-based expert systems. Figure
applications concentrate on diagnosis, therapy **recommendation**, and critiquing management plans. Researchers
www.cs.wustl.edu/cs/techreports/1993/wucs-93-14.ps.Z

A Comparison of Three Different Methods for Acquiring Knowledge.. - Berka (1993) (Correct)
multiple concept learning. The system induces **decision tree** but allows to transform it into **rules** either
difference in the results of testing of acquired **rules** done for each subdomain separately. Testing in
ftp.ai.univie.ac.at/papers/oefai-tr-93-10.ps.Z

Use of Functional Knowledge Representation in AI Applications.. - Michael Lucks (Correct)
(ODEs)Previous systems [1]3] used **decision trees** and **rule**-based systems respectively to make
Previous systems [1]3] used **decision trees** and **rule**-based systems respectively to make software
based systems respectively to make software **recommendations**. SAIVS encodes knowledge in a continuous,
cygnus.math.smu.edu/pub/gladwell/aaai.ps.gz

Frank Pipitone Kenneth DeJong William Spears Navy Center for.. - On Dc (1991) (Correct)
the approach of directly writing a test **decision tree**. This corresponds to the conventional
capturing his/her knowledge in a set of associative **rules**. Rather, technicians depend heavily on the
probabilities and the use of entropy for test **recommendation**. However, this approach requires a strong UUT
www.aic.nrl.navy.mil/papers/1991/AIC-91-036.ps.Z

Algorithm of Nested Clustering for Unsupervised Learning - Albus, Lacaze, Meystel (Correct)
of **rules** of execution, instead of developing a **decision tree** for classification task [16]When Quinlan
from Drexel University, Philadelphia, PA 19104 II. **Rule** as a Representation of Goal-oriented Experiences
classified. In this paper we are looking for a **recommendation** about a behavior that should be applied in
www.isd.cme.nist.gov/documents/albus/nested-clustering-95.ps

Try your query at: Google (CiteSeer) Google (Web) Yahoo! MSN CSB DBLP

CiteSeer Find: | decision tree and rule and feedbacl | **Documents** | **Citations** |

Searching for **decision tree and rule and feedback and user**.
Restrict to: Header Title Order by: Expected citations Hubs Usage Date Try: Google (CiteSeer) Google (Web)
Yahoo! MSN CSB DBLP
5 documents found. **Order: number of citations.**

Smokey: Automatic Recognition of Hostile Messages - Spertus (1997) (Correct) (9 citations)
set of 720 messages was used by Quinlan's C4.5 **decision-tree** generator to determine featurebased **rules**
decision-tree generator to determine featurebased **rules** that were able to correctly categorize 64% of
specifically, comments that are sent via **feedback** forms on World-Wide Web pages. In order to have
www.ai.mit.edu/people/ellens/smokey.ps

One or more of the query terms is very common - only partial results have been returned. Try Google (CiteSeer).

Programming by Demonstration: An Inductive Learning Formulation - Lau, Weld (1999) (Correct) (3 citations)
state machine (FSM) modeling note syntax and **decision tree** classifiers for each FSM state. Maes and
interactively. It uses a set of condition-action **rules** to determine when to infer constraints over
use nearest-neighbor learning (adjusted by **user feedback**) to predict the **user's** next action from the
ftp.cs.washington.edu/pub/ai/pbd-iui99.ps.Z

Evolving an Intelligent Vehicle for Tactical Reasoning in .. - Sukthankar, Baluja.. (1997) (Correct) (2 citations)
designed, is implemented as a monolithic **decision tree**. An example **rule** is: Initiate a left lane
SHIVA, this paper is only concerned with two types: **rule**-based reasoning (MonoSAPIENT [13]and a modular,
be configured without individual module **feedback**. 1. Introduction The task of driving can be
www.cs.cmu.edu/~rahuls/Research/icra97.ps.gz

Knowledge Discovery in Databases - Wüthrich (1994) (Correct)
Rule Languages 15 2.1 Propositional **Rules** and **Decision Trees** :
:9 List Of Figures 2 2 **Rule** Languages 15 2.1 Propositional **Rules** And Decision
piggy.cs.nthu.edu.tw/paper/Mobile/./PS/knowledge_in_database.ps.gz

Instance-Based Learning: Nearest Neighbour with Generalisation - Martin (1995) (Correct)
25 2.5.1 Small disjuncts in **decision trees**
while often an advantage, can over-represent small **rules** at the expense of more general concepts, leading
www.cs.waikato.ac.nz/ml/publications/1995/Martin95-Thesis.ps.gz

Try your query at: Google (CiteSeer) Google (Web) Yahoo! MSN CSB DBLP

CiteSeer.IST - Copyright Penn State and NEC

CiteSeer Find: | decision graph and rule | | Documents | | Citations |

Searching for **decision graph and rule**.
Restrict to: Header Title Order by: Expected citations Hubs Usage Date Try: Google (CiteSeer) Google (Web)
Yahoo! MSN CSB DBLP
10 documents found. **Order: number of citations.**

Behavior-Based Control: Examples from Navigation, Learning, and.. - Mataric (1997) (Correct) (40 citations)
system of an agent can be precompiled as a **decision graph** into a collection of reactive **rules** (a
lookup, whether it be in a table, a set of reactive **rules**, a simple circuit, a vector field, or a
as a **decision graph** into a collection of reactive **rules** (a universal plan"Schoppers 1987)While
ftp.usc.edu/pub/nn_robotics/papers/autonomous.robots/97/jetai-arch.ps.gz

One or more of the query terms is very common - only partial results have been returned. Try Google (CiteSeer).

Simplifying Decision Trees: A Survey - Breslow, Aha (1996) (Correct) (12 citations)
them into another data structure, such as a **decision graph** or a set of **rules**. Our own interest in
structure, such as a **decision graph** or a set of **rules**. Our own interest in decision tree simplification
Each path from the root to a leaf represents a **rule** for inferring class membership. For instance, from
www.aic.nrl.navy.mil/papers/1996/AIC-96-014.ps.Z

A Logically Complete Reasoning Maintenance System Based on a.. - Madre, Coudert (1991) (Correct) (8 citations)
from the remarkable properties of the typed **decision graph** canonical representation of propositional
and can thus be eliminated. The elimination **rule** is very simple: a vertex is useless if and only if
ftp.digital.com/pub/DEC/PRL/research-articles/MAD1.ps.Z

Predicting Nearly as Well as the Best Pruning of a Planar.. - Takimoto, Warmuth (2000) (Correct) (5 citations)
Nearly as Well as the Best Pruning of a Planar **Decision Graph** Eiji Takimoto 1 Graduate School of
with 0.6 in T have the same (local) decision **rule**. The decision dag G has four 3 Takimoto, Maruoka
www.cse.ucsc.edu/~manfred/pubs/planecut.journalsubm.ps

Inferring Reduced Ordered Decision Graphs of Minimal Description .. - Oliveira (1995) (Correct) (5 citations)
Inferring Reduced Ordered **Decision Graphs** of Minimal Description Length Arlindo L.
approach for the induction of classification **rules**. However, although decision trees can, in
address the problem of inferring a classification **rule** given a set of objects, the training set. Each
www-cad.eecs.berkeley.edu/~aml/publications/ml94_wk.ps.gz

Inferring Reduced Ordered Decision Graphs of Minimum .. - Oliveira.. (1995) (Correct) (5 citations)
Inferring Reduced Ordered **Decision Graphs** of Minimum Description Length Arlindo L.
approach for the inference of classification **rules** [Breiman et al.1984, Quinlan, 1986]The
address the problem of inferring a classification **rule** from a labeled set of instances, the training set.
tahoe.inesc.pt/~aml/publications/ml95_def.ps.gz

Inductive Learning by Selection of Minimal Complexity.. - de Oliveira (1994) (Correct) (1 citation)
gate networks, multilevel Boolean networks, **decision graphs** and finite state machines. Heuristic
the problem of inferring accurate classification **rules** from examples. A formalization of Occam's razor,
the problem of selecting the minimal complexity **rule** that fits well the available data. Four different
www-cad.eecs.berkeley.edu/~aml/publications/report.ps.gz

Structured and Unstructured Induction with EDAGs - Gaines (1995) (Correct) (1 citation)
Kohavi (1994) have shown how various forms of **decision graphs** may be induced and provide a more compact
are knowledge structures that subsume trees and **rules** but can be substantially more compact. Manually
for knowledge discovery is that the trees or **rules** induced are not meaningful as "knowledge"
ksi.cpsc.ucalgary.ca/KSI/ps/EDAG95.ps.Z

Functional Fixedness in the Design of Software Artifacts - Larry Latour (Correct)
characteristics to properly construct our **"decision graph"**As we keep repeating, there is no
Email: E.M.Dusink@twi.tudelft.nl Abstract A common **rule** of thumb to make components reusable is to "make
is similar to that used by Ted Biggerstaff in his **"rule** of 3s"That is, we take advantage of prior

gandalf.umcs.maine.edu/pub/WISR/wisr7/proceedings/ps/latour.ps

Comprehensible Exploratory Induction With Decision Graphs - Corruble, Thiré, GANASCIA (Correct)
Comprehensible exploratory induction with **decision graphs** Vincent CORRUBLE, Frdric THIR
(PASTEUR) which naturally induces structured **rules**. The advantages over other hypothesis languages
1993,94]In that respect, the induction of **rule** bases has shown a great potential in different
www.lri.fr/~cn/wshp-ijcai/web-ijcai/vincent.ps

Try your query at: Google (CiteSeer)   Google (Web)   Yahoo!   MSN   CSB   DBLP

CiteSeer.IST - Copyright Penn State and NEC

P☉RTAL

USPTO

Search: ◉ The ACM Digital Library   ○ The Guide

+abstract:rule, +abstract:feedback, +abstract:user abstract:"

SEARCH

THE ACM DIGITAL LIBRARY

🖅 Feedback Report a problem Satisfaction survey

Published before December 2000
Terms used rule feedback user decision graph decision tree

Found **16** of **111,387**

Sort results by [relevance ▾]

Display results [condensed form ▾]

📗 Save results to a Binder

⁇ Search Tips

☐ Open results in a new window

Try an Advanced Search
Try this search in The ACM Guide

Results 1 - 16 of 16

Relevance scale ☐☐◼◼◼

1 DataMine—interactive rule discovery system
T. Imielinski, A. Virmani
May 1995 **ACM SIGMOD Record , Proceedings of the 1995 ACM SIGMOD international conference on Management of data,** Volume 24 Issue 2
Full text available: 📄 pdf(96.75 KB)   Additional Information: full citation, abstract, index terms

2 Dialogue management reference model
Norwood Sisson
October 1986 **ACM SIGCHI Bulletin,** Volume 18 Issue 2
Full text available: 📄 pdf(180.97 KB)   Additional Information: full citation, abstract, references, index terms

3 Designing earcons with musical grammars
John C. K. Hankinson, Alistair D. N. Edwards
September 1999 **ACM SIGCAPH Computers and the Physically Handicapped,** Issue 65
Full text available: 📄 pdf(432.63 KB)   Additional Information: full citation, abstract, references

4 Creating highly-interactive and graphical user interfaces by demonstration
Brad A. Myers, William Buxton
August 1986 **ACM SIGGRAPH Computer Graphics , Proceedings of the 13th annual conference on Computer graphics and interactive techniques,** Volume 20 Issue 4
Full text available: 📄 pdf(834.70 KB)   Additional Information: full citation, abstract, references, citings, index terms

5 Fault finder
W. Elliot, Mordechay Schneider
February 1990 **Proceedings of the 1990 ACM SIGSMALL/PC symposium on Small systems**
Full text available: 📄 pdf(814.88 KB)   Additional Information: full citation, abstract, references, index terms

6 The design of Star's Records Processing: Data processing for non-computer professionals
Robert Purvy, Jerry Farrell, Paul Klose
June 1982 **ACM SIGOA Newsletter , Proceedings of the SIGOA conference on Office information systems,** Volume 3 Issue 1-2
Full text available: 📄 pdf(51.77 KB)   Additional Information: full citation, abstract, citings, index terms

7 A network approach to probabilistic information retrieval
K. L. Kwok
July 1995 **ACM Transactions on Information Systems (TOIS),** Volume 13 Issue 3
Full text available: 📄 pdf(1.88 MB)   Additional Information: full citation, abstract, references, citings, index terms, review

6 Exploratory behaviors and the design of computer instruction manuals in hypertext
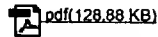Aude Dufresne, Isabelle Tremblay, Sylvie Turcotte
June 1990 **ACM SIGCHI Bulletin,** Volume 22 Issue 1
Full text available: Additional Information:

pdf(128.88 KB)   full citation, abstract, index terms

9 Machine aided error-correction environment for Korean morphological analysis and part-of-speech tagging

Junsik Park, Jung-Goo Kang, Wook Hur, Key-Sun Choi

August 1998   **Proceedings of the 36th annual meeting on Association for Computational Linguistics - Volume 2 , Proceedings of the 17th international conference on Computational linguistics - Volume 2**

Full text available:

pdf(360.36 KB) Publisher   Additional Information: full citation, abstract, references
Site
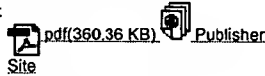
10 A spreadsheet interface for logic programming

M. Spenke, C. Beilken

March 1989   **ACM SIGCHI Bulletin , Proceedings of the SIGCHI conference on Human factors in computing systems: Wings for the mind,** Volume 20 Issue SI

Full text available: pdf(594.47 KB)   Additional Information: full citation, abstract, references, citings, index terms

11 Abstract interaction tools: a language for user interface management systems

Jan Van Den Bos

April 1988   **ACM Transactions on Programming Languages and Systems (TOPLAS),** Volume 10 Issue 2

Full text available: pdf(2.45 MB)   Additional Information: full citation, abstract, references, citings, index terms, review

12 A visual calendar for scheduling group meetings

David Beard, Murugappan Palaniappan, Alan Humm, David Banks, Anil Nair, Yen-Ping Shan

September 1990 **Proceedings of the 1990 ACM conference on Computer-supported cooperative work**

Full text available: pdf(1.09 MB)   Additional Information: full citation, abstract, references, citings, index terms
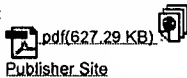
13 Text generation: Bilingual generation of job descriptions from quasi-conceptual forms

David E. Caldwell, Tatiana Korelsky

October 1994 **Proceedings of the fourth conference on Applied natural language processing**

Full text available:

pdf(627.29 KB)   Additional Information: full citation, abstract, references, citings
Publisher Site

14 Interactive proof checking

Thomas Reps, Bowen Alpern

January 1984   **Proceedings of the 11th ACM SIGACT-SIGPLAN symposium on Principles of programming languages**

Full text available: pdf(838.65 KB)   Additional Information: full citation, abstract, references, citings, index terms

15 Development of a modern OPAC: from REVTOLC to MARIAN

Edward A. Fox, Robert K. France, Eskinder Sahle, Amjad Daoud, Ben E. Cline

July 1993   **Proceedings of the 16th annual international ACM SIGIR conference on Research and development in information retrieval**

Full text available: pdf(1.17 MB)   Additional Information: full citation, abstract, references, citings, index terms, review

16 SIDS (A Symbolic Interactive Design System)

D. Clary, R. Kirk, S. Sapiro

June 1980 **Proceedings of the 17th conference on Design automation**

Full text available: pdf(371.80 KB)   Additional Information: full citation, abstract, references, citings, index terms

Results 1 - 16 of 16

PORTAL

USPTO

Search: ⦿ The ACM Digital Library   ○ The Guide

`+abstract:rule, +abstract:feedback, +abstract:"knowledge bas`   **SEARCH**

THE ACM DIGITAL LIBRARY

Feedback Report a problem Satisfaction survey

Published before December 2000
Terms used **rule** **feedback** **knowledge base** decision graph **decision tree**

Found **1** of **111,387**

Sort results by [relevance ▼]

Display results [condensed form ▼]

◆ Save results to a Binder
? Search Tips
☐ Open results in a new window

Try an Advanced Search
Try this search in The ACM Guide

Results 1 - 1 of 1

Relevance scale ☐ ▭ ▬ ■ ■

[1] **Fault finder**
W. Elliot, Mordechay Schneider
February 1990 **Proceedings of the 1990 ACM SIGSMALL/PC symposium on Small systems**

Full text available: 📄 pdf(814.88 KB)   Additional Information: full citation, abstract, references, index terms

Results 1 - 1 of 1

Useful downloads: 📄 Adobe Acrobat   ◉ QuickTime   ▣ Windows Media Player   ▶ Real Player